

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR 03/00705

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/11 A61K31/713 A61K45/06 A61P35/00 A61P29/00  
A61K31/7088 A61K31/04 A61K38/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 24583 A (BHATTACHARYA SANJOY ;RAMCHANDANI SHYAM (CA); UNIV MCGILL (CA); SZY) 20 May 1999 (1999-05-20) abstract page 43, line 3 - line 29	1,2, 7-10,13
A	WO 97 39135 A (NGUYEN DAO ;CRISTIANO RICHARD J (US); UNIV TEXAS (US)) 23 October 1997 (1997-10-23) the whole document	1-15
A	WO 99 01157 A (ROUSSY INST GUSTAVE ;MICHEL BUREAU (FR); MIR LLUIS (FR); SCHERMAN) 14 January 1999 (1999-01-14) cited in the application page 4, line 14 - page 8, line 26 page 22 - page 30; examples 6-11 claims	12-15

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

23 October 2003

Date of mailing of the international search report

10/11/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BHATTACHARYA SK ET AL: "A mammalian protein with specific demethylase activity for mCpG DNA" NATURE, vol. 397, 18 February 1999 (1999-02-18), pages 579-583, XP002097746 ISSN: 0028-0836 cited in the application	
A	SZYF MOSHE: "The DNA methylation machinery as a therapeutic target." CURRENT DRUG TARGETS, vol. 1, no. 1, July 2000 (2000-07), pages 101-118, XP001122812 ISSN: 1389-4501	
T	SLACK ANDREW ET AL: "Antisense MBD2 gene therapy inhibits tumorigenesis." THE JOURNAL OF GENE MEDICINE, vol. 4, no. 4, 17 May 2002 (2002-05-17), pages 381-389, XP008009438 ISSN: 1099-498X	
T	IVANOV MARIE-AGNÈS ET AL: "Enhanced antitumor activity of a combination of MBD2-antisense electrotransfer gene therapy and bleomycin electrochemotherapy." THE JOURNAL OF GENE MEDICINE, vol. 5, no. 10, October 2003 (2003-10), pages 893-899, XP002258943 ISSN: 1099-498X	

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/FR 03/00705

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9924583	A	20-05-1999	AU 1138699 A	31-05-1999
			CA 2309361 A1	20-05-1999
			WO 9924583 A1	20-05-1999
			EP 1029058 A1	23-08-2000
			JP 2001522607 T	20-11-2001
WO 9739135	A	23-10-1997	AU 2557097 A	07-11-1997
			WO 9739135 A1	23-10-1997
			US 6271207 B1	07-08-2001
			US 2002123477 A1	05-09-2002
WO 9901157	A	14-01-1999	FR 2765241 A1	31-12-1998
			AU 8444698 A	25-01-1999
			AU 8730798 A	25-01-1999
			BR 9810372 A	05-09-2000
			BR 9810500 A	05-09-2000
			CN 1261808 T	02-08-2000
			CN 1261812 T	02-08-2000
			WO 9901175 A1	14-01-1999
			EP 0991425 A1	12-04-2000
			EP 0993318 A1	19-04-2000
			WO 9901157 A1	14-01-1999
			HU 0004728 A2	28-04-2001
			JP 2002507984 T	12-03-2002
			JP 2002515816 T	28-05-2002
			NO 996540 A	03-02-2000
			NO 996541 A	17-02-2000
			PL 337584 A1	28-08-2000
			PL 337617 A1	28-08-2000
			US 2002012914 A1	31-01-2002
			ZA 9805735 A	27-01-1999